

Digital Satellite Receiver

USER'S MANUAL

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IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTION MARKS:



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert user to “dangerous voltage” and to prevent from a risk of electric shock.



WARNING:

To reduce the risk of electric shock, don't open the cabinet. Refer servicing to qualified personnel only.



The exclamation point within an equilateral triangle is intended to alert the user to important operating and maintenance (servicing).

This STB has been manufactured to satisfy the international safety standards. Please read the following safety precautions carefully.

NOTE: To ensure proper use of this product, please read this User Manual carefully and retain for future reference.

WARNING: Do not use this device where contact with or immersion in water is possible. Do not use near flower vase, washbowls, kitchen sinks, laundry tubes, swimming pools etc.

WARNING: Do not put the candle or lamp stand on the cabinet. Otherwise there is the danger of fire.

WARNING: The unit should be connected to the power of the type described in the operating instructions or as marked on the unit. If you are not sure of the type of power (for example 120V or 230V) to your home, consult your local dealer or local power company.

WARNING: Do not open the cabinet or touch any parts in the inner mechanism. Consult your local dealer for technical service if the opening is required.

Unit Cleaning: After the unit power is turned off, you can clean the cabinet, panel and remote control with a soft cloth lightly moistened with a mild detergent solution.

Attachments: Never add any attachments and/or equipment without the manufacturer consent; as such additions may results in the risk of fire, electric shock or other personal injury.

Locating: Slots and openings in the cabinet are provided for ventilation to protect it from overheating. Do not block these openings and allow them to be blocked by placing device on a bed, sofa or other similar surfaces, nor should it be placed over a radiator or heat register.

Power-Cord Protection: Place the power supply cord out of the way, where it will not be walked on. Please take special attentions to cords at plugs, convenience receptacles and the point where they exit from the unit.

Object and Liquid Entry: Never put objects of any kind into this device through openings, as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill any liquid on device.

Parts Replacement: When the unit parts need to be replaced, user should make sure the service technician use the replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized replacement may put the unit in the risk of fire, electric shock or other hazards.

Note: Moisture may be formed on the lens in the following conditions:

- When the unit is suddenly moved from a cold environment or an air-condition room to a warm place
- Immediately after a heater has been turned on
- In a steamy or very humid room.

If the moisture forms inside the unit, it may not operate properly. To correct this problem, turn on the power and wait about two hours for the moisture to evaporate.

Safety Check: After all the maintenances and repairs are done, user is required to request the service technician to conduct the overall safety check to ensure the device is in the proper condition.

2. ENVIRONMENT PROTECTION



Attention!

Your product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is separate collection system for these products.

Information on Disposal for Users (private households) in the European Union

Used electrical and electronic equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment.

Following the implementation by member states, private households within the EU states may return their used electrical and electronic equipment to designated collection facilities free of charge*. In some countries* your local retailer may also take back your old product free of charge if you purchase a similar new one.

If your used electrical or electronic equipment have batteries or accumulators, please dispose of these separately beforehand according to local requirements.

By disposing of this product correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

Information on Disposal for Business Users

In the European Union

If the product is used for business purposes and you want to discard It:

Please contact your GLOBO POLSKA dealer who will inform you about the take-back of the product. You might be charged for the costs arising from take-back and recycling Small products (and small amounts) might be taken back by your local collection facilities.

In other Countries outside the EU

If you wish to discard of this product, please contact your local authorities and ask for the correct method of disposal.

*) Please contact your local authority for further details.

3. MAIN FEATURES

- Nice and easy to use
- TNK Menu (option)
- Support CA Function System
- Full DVB-S / MPEG-2 compliant
- Few searching channel options; manual scan, automatic scan, Blind Scan
- 4000 Channel Memory Space
- 8 Favorite Chanel lists
- Multi-language OSD supported
- EPG graphic Menu, Teletext, Subtitles
- Parental lock function
- DiSEqC1.0 switching support (DiSEqC1.2 and USALS – option)
- SCART & CVBS connectors
- Easy and fast software upgrade through USB port
- Multimedia Function support.
 - Picture browser
 - MP3 Player
- Support NTSC/PAL and 4:3 / 16:9 wide screen
- LNB power overload protection

4. REMOTE CONTROL



POWER

Switch the STB between Operation and Standby mode.

TVFORMAT

Select TV mode; PAL, NTSC or AUTO

MUTE

Enable / Disable the Audio.

Numeric Keys (0-9)

To enter numeric data e.g. choose channel number

FAV

Switch between Favorite lists.



Select the previously viewed service.

P+, P-

Press to move up or down pages in the lists.

INFO

Display the service information box on the screen. Display the extended event or service information in menu.

MENU

Display the Main Menu on the screen. Return to the previous menu.

EPG

Display EPG information's.

EXIT

Cancel the user selection and return to the screen.

▲ CH+, ▼ CH-

Service up or down through the available services. Move the selection bar in menu.

V- ◀, V+ ▶

Adjust the volume (Increase / Decrease). Change the value of the selected item in menu. Move cursor left or right in the menu.

OK.

Display Service List on screen. Select an item in menu.

LANGUAGE (RED BUTTON)

Press it to change OSD language. Perform "RED special function" in menu.

AUDIO (GREEN BUTTON)

Select audio channel; Stereo / Left channel/ Right channel. Perform "GREEN special function" in menu.

SUBTITLE (YELLOW BUTTON)

Select subtitle language and watch it on the screen. Perform "YELLOW special function" in menu.

TV/RADIO

Switch between TV and Radio mode.

TEXT (BLUE BUTTON)

Setup the Teletext and watch it on the screen. Perform "BLUE special function" in menu

SAT

Display Organizing Satellites menu.

5. FRONT PANEL



POWER $\odot$: To switch between power on and stand by mode

▲, ▼: To switch channel or move cursor up / down in the menu

RED LED (STAND BY LED): Lights up while the receiver is stand by mode

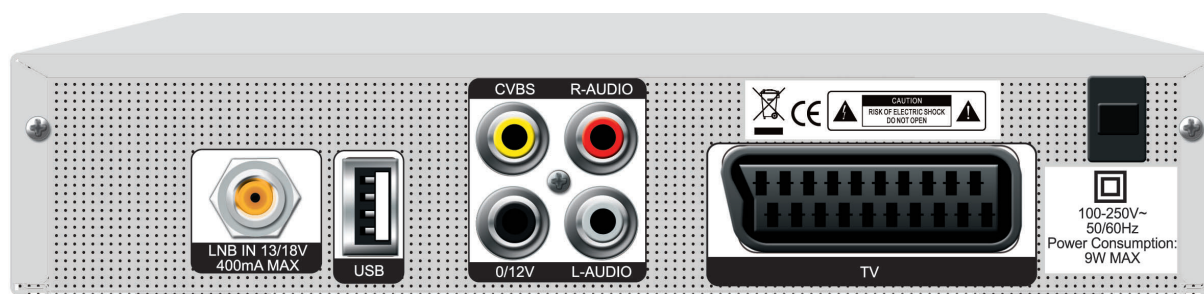
GREEN LED (Power LED): Lights up while the receiver is power on

Smart Card Reader slot – CONAX Embedded

6. REAR PANEL

Please refer to the diagram below for all possible connections of your receiver.

Do not connect the unit to the mains socket until all other connections have been made and checked.



LNB IN: This port is to connect the coaxial cable from LNB of your Dish.

USB: USB port

CVBS: This is used to connect your TV RCA cable (chinch cable).

0V/12V: This is used to Connect 12V to an external 0V/12V switch.

AUDIO R/L: These RCA connectors are used to connect any external audio system.

TV: This is used to connect your TV through SCART cable.

Appearance of receiver, peripherals and also menu can change depend from receivers model or software version and will not influence on its functionality and technical parameters.

7. HOW TO CONNECT YOUR STB

We offer you the way of connecting the STB to your TV and Hi-Fi SYSTEM. Consult your local supplier for assistance in setting-up your system that is best suited to your requirements.

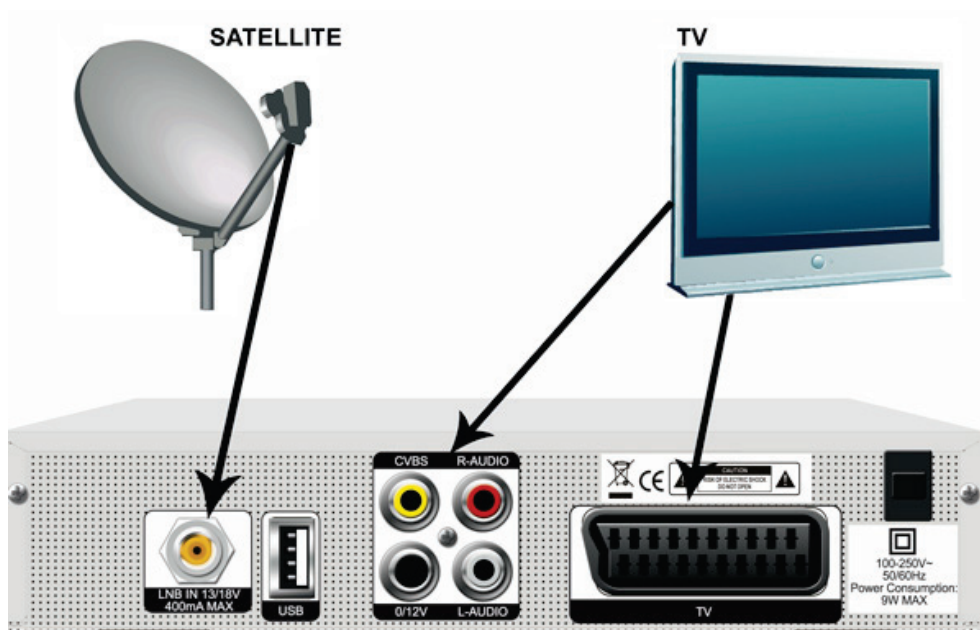
Connect STB to a TV set

Connect your STB to a TV set with SCART, if your TV set is equipped for it. Alternatively you can use A/V, TV out (UHF) or S/Video jacks.

Connect STB to a Hi-Fi System

Connect a RCA stereo cable from the AUDIO L/R jacks on your STB to the LINE, AUX, SPARE or EXTRA input jacks on your Hi-Fi System.

Connect concentric cable form antenna with LNB iN connection.



7.1 TV with Motorized System DiSEqC 1.2 (option)

When you plan to use in you satellite system DiSEqC 1.2 motor you need to have two concentric cables with type F connectors on both ends. First cable use to connect LNB unit with DiSEqC motor, next use to connect DiSEqC motor with receiver.

All our receiver are compatible with DiSEqC 1.0 (and optionally with DiSEqC 1.2). To receive from one satellite dish signals from two or more satellites use system with few LNB units (separate LNB unit for each satellite) and 2/1 or 4/1 DiSEqC switch. To reduce connection cable length and reduce total cost use outer switch.

To adjust system choose LNB type in Satellite Setting menu. Then set LNB unit to receive signal of the best quality. Further use standard channel searching.

CAUTION. To increase you satellite system for extra LNB units you need to have satellite dish larger than 0,8 m.

8. REMOTE CONTROL - BASICS

8.1 Turn on receiver

Plug on power cord connector to outlet. Press **Power** button on the front panel or remote control.

? Frequently Asked Questions

Question: Power cord connector was plugged on and receiver is not in stand by mode, but nothing is displayed on TV screen?

Answer: Make sure that receiver is connected to right TV input; e.g. when you connect receiver to connection Video 1, TV had to be set on source Video 1.

Question: Power cord connector was plugged on and receiver is not in stand by mode, but TV screen display information “No signal” or “Weak signal”.

Answer: This mean there is no signal on this channel. A few reason can cause this effect:

1. Dish is set on differ satellite than chosen channel become from. Switch channel or adjust dish position.
2. Signal of this channel is not strong enough. Try to choose other channel. If necessary set properly dish position or contact with your local dealer or servicing.

8.2 Standby Mode

1. By pressing **Power** button receiver is going from operational mode to standby mode.
2. By pressing **Power** button receiver is going from standby mode to full screen mode.

8.3 TV FORMAT

When you press **TVFORMAT** button while receiver is in full screen mode, TV format will be

changed according to sequence PAL / NTSC / AUTO.

8.4 Mute

1. Press the button **Mute** on remote control to turn off sound. On the screen appears symbol:



2. Press the button **Mute** once more to turn on sound.

8.5 Next / Previous channel

When receiver is in full screen mode, to change channel press **Up** , **Down** buttons on remote control or front panel.

8.6 Volume

When receiver is in full screen mode, to change volume press **Left** , **Right** buttons on remote control; left to decrease, right to increase sound.

8.7 Channel list

1. When receiver is in full screen mode, press the button **OK** to display TV channels list. More info in TV List Menu description (see 10.1).
2. To back to full screen mode, press **EXIT** or **MENU** button.

8.8 Previously watching channel

Press the button **Back** on remote control to back on previously watched channel.

8.9 Numeric Keys

When receiver is in full screen mode you can choose channel by enter channel number using numeric keys and wait a while for switch. When you enter channel number and confirm this by 『OK』 button, channel will change immediately.

8.10 FAV List

FAV List is a list of 8 groups of channels which can be managed by Favorite Manager. For more information's see 10.2.

During watching TV channel, press 『FAV』 button. In the right upper corner appear icon present active FAV list.

By pressing 『FAV』 button next FAV list will be selected or FAV list will be turned off.



Frequently Asked Questions

Question: Why on the screen appear information "No FAV List", when I press 『FAV』 button ?

Answer: Any channel was assigned to FAV list.

8.11 Menu

When receiver is in full screen mode, press the button 『MENU』 to enter into receivers menu.

8.12 EXIT

To leave receivers menu and back to full screen mode, press 『EXIT』 button.

8.13 Info

When receiver is in full screen mode, press the button 『INFO』 to display frame with actual channel parameters.

8.14 Electronic Program Guide



Receiver have implemented EPG function which allow enter into TV or Radio program guide and display information about actual and future programs which will be transmitted. This function is working only with channels which broadcast in signal EPG information. Press 『EPG』 button to display EPG window.

Press 『OK』 button to display details about actual and next program transmitted by channel. To exit press 『EXIT』 or 『MENU』 button.

Press 『▶』 button to enter to program list and use 『▲』, 『▼』 buttons to choose certain program. Press 『OK』 button to display program details. Press 『EXIT』 or 『MENU』 to back to program list.

All available EPG factions are displayed on blue strip on the bottom of the screen.

To leave EPG, press 『EXIT』 or 『MENU』 button.

CAUTION: If time or date are not valid, EPG may work improperly. In that case please use General setting menu to set actual time and date (see 14.1).

8.15 Next / Previous list page

Use 『P+』, 『P-』 buttons to move 10 positions up or down on the channel or transponder list.

8.16 OSD Language

When receiver is in full screen mode, press 『LANGUAGE』 to change menu language.

Use 『▲, ▼』 to choose language and then press 『LANGUAGE』 or 『EXIT』 button.

8.17 Audio channel

When receiver is in full screen mode, press 『AUDIO』 button to display audio channel window.

You can change sound mode to Stereo / Left channel / Right channel.

Use 『▲, ▼』 buttons to choose parameter, and 『◀, ▶』 to change options.

8.18 Subtitle

When receiver is in full screen mode, press button 『SUBTITLE』 to enable / disable subtitles displayed on the bottom of the screen. This function is working only with channels which broadcast in signal subtitle information.

Use 『▲, ▼』 buttons to choose subtitle language. To leave this window press 『EXIT』 or 『MENU』 button.

8.19 Teletext

When receiver is in full mode, press button 『TEXT』 (BLUE) to display teletext menu with available languages. If channel have no teletext, option “Enabled” will be displayed.

Use 『▲, ▼』 buttons to choose teletext language. To leave this window press 『EXIT』 or 『MENU』 button.

8.20 TV / RADIO Mode

When receiver is in TV mode, press button 『TV / RADIO』 to switch to Radio mode.

When receiver is in Radio mode, press button 『TV / RADIO』 to switch to TV mode.

8.21 Satellite list

To change satellite, press 『SAT』 button.

Use 『◀, ▶』 to choose satellite from list and confirm by 『OK』 button. To choose certain channel use 『▲, ▼』 buttons.

Press 『EXIT』 or 『MENU』 to leave this window.

9 MENU

Press 『MENU』 button on remote control to display menu as on picture below:



9.1 General manage roles

Please read carefully below information's about general roles how to manage receivers Menu.

1. Press 『◀, ▶』 to switch between menu sheets; Channel list, Installation, Multimedia, Utility, Setup, Card Reader.
2. Use 『▲, ▼』 to choice certain option on menu sheets.
3. Press 『OK』 to choose certain function.

4. To leave actual menu press 『EXIT』 or 『MENU』 button anytime.
5. After choosing certain function, next settings can be made by buttons 『▲,▼,◀,▶』 and / or numeric keys 0~9 and **special keys** 『RED, GREEN, YELLOW, BLUE』, which works according to information's displayed on blue strip on the bottom of the screen.
6. Press 『OK』 to execute chosen function or display next window.
7. When any changes were made, usually is required to store it. If you will try to leave menu without storing them in memory, extra window with question about storing will be displayed. Press 『OK』 to save changes or 『EXIT』 to cancel them.

10. Channel List

Menu sheet "Channel list" have few options; TV List, Radio List, Favorite Manager.

10.1 TV List, Radio List

When TV / Radio List will be chosen, below window will appear on the screen:



Use 『▲,▼』 to choose next / previous channel from the list.

Use 『◀,▶』 to choose one of special functions: Fav, Lock, Edit, Move, Sort, Skip, Delete, Find.

To execute function for certain channel, select channel and preferred function, then press 『OK』 button.

To leave menu and view actually chosen channel use 『RED』 special button.

Use 『SAT』 and 『◀,▶』 to switch between channel list valid for certain satellite. Press 『OK』 to confirm.

1. Favorite.

This function allow to select and assign channels to one of 8 Favorite lists. One channel can be assigned to more than one Fav List.

Assignment to certain FAV list is made by choosing channel and pressing numeric key 1~8 dedicated to certain list. Assignment will be marked by activation one of 8 icons displayed on the right side of the screen.

Next way how to assign channel to Fav List is Fav List menu which appear after pressing 『OK』 button. Use 『▲,▼』 and 『OK』 to assign channel. Press 『EXIT』 or 『MENU』 to back to previous menu.

All changes needs to be stored in memory by pressing 『YELLOW』 special button and confirm choice by 『OK』.

2. Lock.

Use 『▲,▼』 to choose channel and press 『OK』 to change channel status (lock / unlock). When channel is locked, next to channel name appear padlock mark. Repeat operation for all channels which should be locked.

Save changes by pressing 『YELLOW』 special button and confirm choice by 『OK』.

When channel lock password will be activated in Password menu, locked channel won't be displayed before right code will be entered in presented window. See parental lock.

3. Edit.

This function allow to change name under which channel was stored during searching channels. Use 『▲,▼』 to choose channel from the list and press 『OK』 to display edition

window with channel parameters. Select channel name and press 『OK』 once more.



New window with screen keyboard appears. To move over it use 『▲,▼,◀,▶』 and 『OK』. Extra function are available by special keys. Mark any char and press 『OK』 to insert it. When you finish, choose “OK” button on displayed keyboard and confirm choice by 『OK』 button. You can also use function “Confirm” by pressing 『YELLOW』 special key.

To leave screen keyboard without changes in name use 『EXIT』.

4. Move.

Use this function to change channels order on the list. Use 『▲,▼』 to select channel and press 『OK』. Next to channel name appear select mark. Now use 『▲,▼』 to define new channel position on the list and press 『OK』 again. Repeat these steps for all channels. Which position need to be corrected. All changes need to be stored in memory by pressing 『YELLOW』 special button and confirm choice by 『OK』. Press 『EXIT』 or 『MENU』 to restore previous channel list.

5. Sort.

Function allow sort channel list according to certain criteria. After leaving this menu channel list will have new channels order.

To choose certain sort criteria press 『OK』 and use 『▲,▼』 to choose from displayed list one of the option. Confirm you choice by 『OK』.

Other option is to use special keys. Press 『GREEN』 special button to sort channels according to alphabet. Press 『YELLOW』 special button to sort according to criteria free/CA. To change sort order to the opposite, press dedicated button twice.

CAUTION: Time required to sort channel depends from total number of stored channels.

6. Skip.

To skip certain channels during changing channels on the next one use Skip function. The way of choosing channels which should be skipped is similar to choosing locked channels.

7. Delete.

This function allow to delete selected channels from the channel list. The way of choosing channels which should be deleted is similar to choosing locked channels.

Use 『▲,▼』 and press 『OK』 to change channel status. Channels selected to delete will have red mark next to channel name. Repeat all steps to select all not wanted channels.

To delete selected channels from the list press 『YELLOW』 special button and confirm choice by 『OK』. Press 『EXIT』 to leave function menu without deleting selected channels.

8. Find.

Use function to find on channel list channel or channels which starts from certain phrase.

To execute function, press 『OK』 - edition window with screen keyboard and space for looking phase appear (see Edit function).

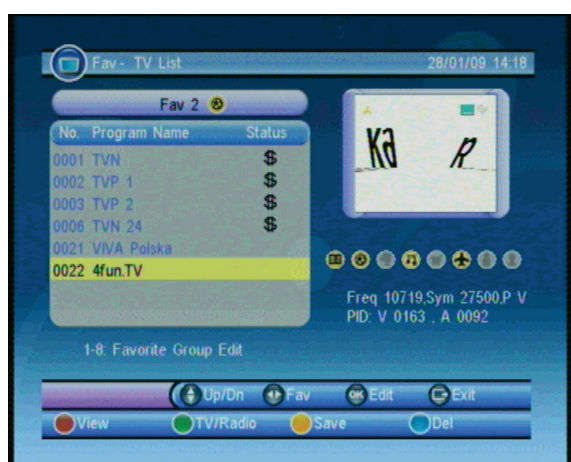
When you enter looking phrase press 『YELLOW』 special button – on new list will be

displayed only channels which starts from entered phrase.

To leave Find function window press **EXIT** or **MENU**.

10.2 Favorite Manager

Receiver have 8 favorite channel lists signed as FAV1 – FAV8, to which selected channels can be assigned from the total channel list stored in receivers memory. How to assign channels to FAV list – see 10.1 Favorite function.



Favorite Manager allow to manage previously prepared Favorite lists by deleting channels from lists and edit names of FV lists. Press **GREEN** special button to switch between TV/Radio channel list.

1. Delete channels

To delete channels from certain FAV list, use **◀,▶** to choose Favorite list, then use **▲,▼** to find channel and press **BLUE** special button to select it. Channels selected to delete will have red mark next to channel name. Repeat all steps to select all not wanted channels.

To delete selected channels from the list press **YELLOW** special button and confirm choice by **OK**. Press **EXIT** to leave function menu without deleting selected channels.

2. Edit Favorite list name (description)

To display edit name window, press **OK** button. New window will be shared on two

columns; left column present FAV1 – FAV8 lists, right names/descriptions of these lists.

To change name/description use **▲,▼** to select certain group and the **◀,▶** to switch between default names. To confirm press **OK**.

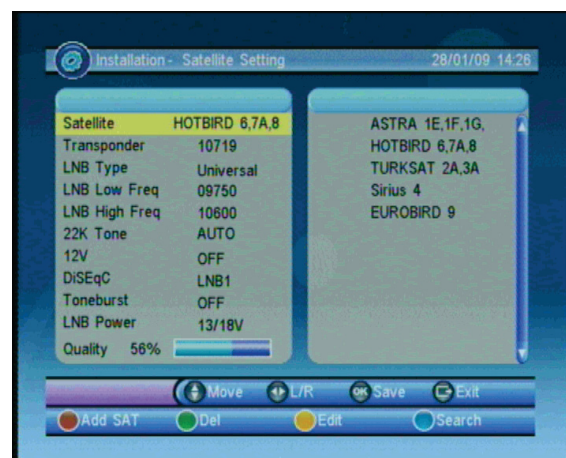
To enter your own name/description select group and press **BLUE** special button - edition window with screen keyboard will be displayed (see 10.1 Edit function).

When new name/description will be ready choose "OK" button on displayed keyboard and confirm choice by **OK** button. To leave screen keyboard without any changes use **EXIT**.

11. INSTALLATION

Menu sheet "Installation" have four options; Satellite Setting, Search Channels, TP Manager, TNK-Telewizja Na Kartę.

11.1 Satellite Setting



Main window have two parts; left with actual settings and left which present all possible option for chosen parameter.

To switch between both parts use **◀,▶**, to switch between parameters use **▲,▼**. To confirm your choice press **OK** to leave these window press **EXIT** or **MENU**.

Possible settings:

1. Satellite.

Actual satellite name is displayed on the left. Right part present list of all actually programmed satellites. To change active satellite, choose new one from presented list and confirm by pressing 『OK』.

To add to the list new satellites, press 『RED』 special button. In new window, use 『▲,▼』 and 『OK』 to select preferred satellites. You can choose between satellites stored in receiver's memory and option „Add SAT” by which you can define your own satellite.

To confirm your selection press 『EXIT』 and wait a while for adding new satellites.

To delete active satellite from the list, press 『GREEN』 special button and confirm by 『OK』. Use 『YELLOW』 special button to change satellite name.

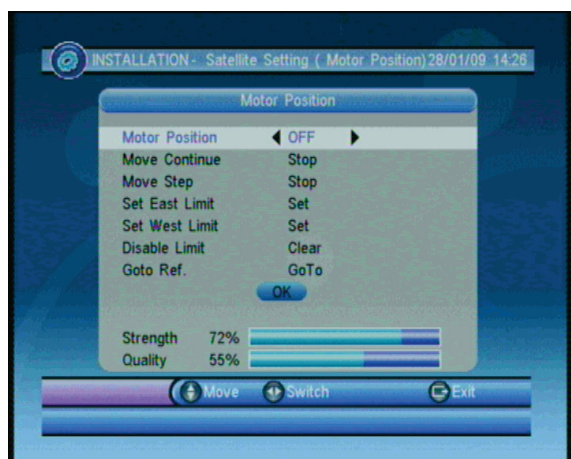
To begin satellite searching, press 『BLUE』 special button.

CAUTION: It is not possible to remove from the list HOTBIRD 6,7A,8 & ASTRA 1E,1F,1G satellites.

2. Transponder.

Choosing this option cause appearing on the right side transponders list valid for actual satellite.

Press 『RED』 special button to change motor settings:



Motor position. One of stored in receiver's memory motor positions can be chosen.

Move Continue. Motor can be moved in east/west direction continuously.

Move Step. Motor can be moved in east/west direction by steps. Use this option to small & slow correction of dish position.

Set East Limit / Set West Limit.

Allow to define position limits e.g. to not hit into barrier. Find critical position and press 『OK』 to store it in memory.

Disable Limit. choose this option and press 『OK』 to deactivate defined limits.

Goto Ref. Press 『OK』 to set dish in reference position.

OK. Select and confirm OK button in displayed window to store and set entered settings.

3. LNB Type.

You can choose LNB type which will be use to receive signal from satellite.

4. LNB Low Freq / LNB High Freq

If active LNB type allow this, you can define upper and / or lower LNB frequency limit.

5. 22K Tone.

If active LNB type allow this, you can enable / disable 22kHz tone.

6. 12V.

Enable / disable 12V output.

7. DiSEqC.

You can switch between four DiSEqC ports.

8. Toneburst.

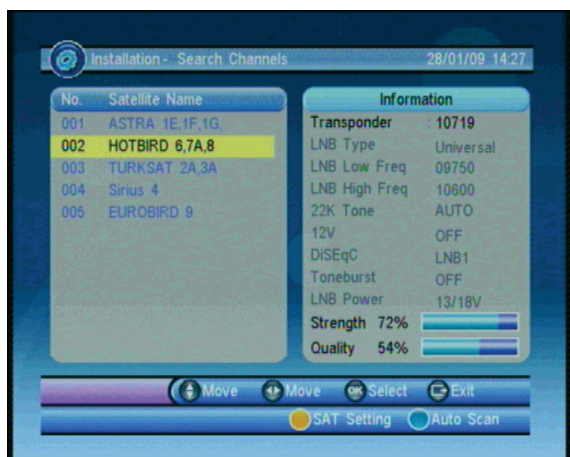
Enable / disable tonebursts.

9. LNB Power.

You can choose LNB power.

11.2 Search channels

Main window is shared on two parts; left present satellite list, right – all parameters of actually chosen satellite:



To switch between left/right part use **◀, ▶**, to switch between parameters use **▲, ▼**. To confirm your choice press **OK** to leave these window press **EXIT** or **MENU**. Choose satellite on from the list and press **YELLOW** special button to execute “SAT Setting” window.

choose one or select few satellites from the list and press **BLUE** special button to execute “Auto Scan”. Displayed window will have few option:

1. Programme.

You can define type of searched channels. Two option are available: All or Free only.

2. Scan Mode.

You can choose between easy searching and Blind-Scan. Blind scan searching full frequency rate and looking for transponders.

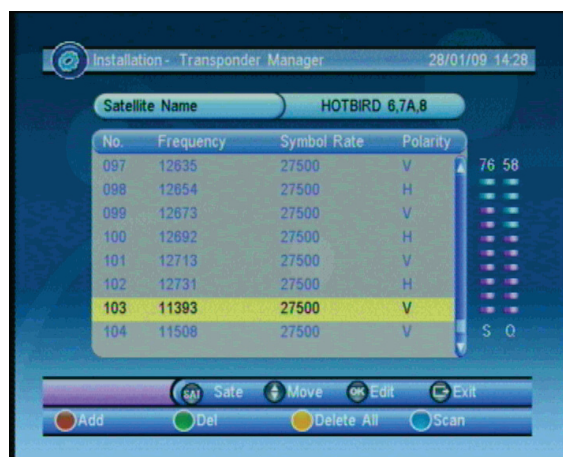
3. NIT Searching.

Enable this option to allow receiver looking for information about new transponders broadcasted in satellite signal. This allow increase number of searched channels. It is advice to enable this option even if this will increase searching time.

When option will be chosen, press **OK** to start searching. Press **EXIT** to leave this window.

When searching finish, receiver will back to full screen mode.

11.3 TP Manager



This menu allow to manage transponders from active satellite. Displayed window present list of transponders valid for satellite which name is in head. To switch between satellites use **◀, ▶**. Press **▲, ▼** to switch between transponders. If you want change satellite press **SAT**.

When you press **BLUE** special button in this position, “SAT Setting” window will be displayed.

TP Manager allow to add, delete, edit and scan certain transponders:

1. Add.

To add new transponder to the list, press **RED** special button. In displayed window use **▲, ▼, ◀, ▶** and numeric keys to **0~9**, to enter TP parameters like: Frequency, Symbol Rate and Polarity.

To confirm press **OK**, to back to previous level press **EXIT**.

2. Delete.

To delete actually selected transponder press **GREEN** special button. When you want delete all transponders valid for actually selected satellite, press **YELLOW** special button. To confirm your choice press **OK**, to leave without changes **EXIT**.

3. Edit.

To change settings of actually selected transponder press **OK**. In displayed window use **▲, ▼, ◀, ▶** and numeric keys to **0~9**, to

enter new TP settings; **Frequency**, **Symbol Rate** and **Polarity**.

Confirm by 『OK』. To leave window without changes press 『EXIT』.

4. Scan.

To scan actually selected transponder press 『BLUE』 special button. In opened window use 『◀,▶』 to choose what type of channel you want search; All or Free only. To start searching press 『OK』, to back press 『EXIT』.

11.4 TNK – Telewizja na Kartę

This menu sheet is dedicated only for TNK Smart Card Users.

12. MULTIMEDIA

Multimedia sheet allow to use receiver as picture browser or MP3 Player for files stored on USB stick.

To choose function use 『▲,▼』 and 『OK』 button.

12.1 My Album

choose this option to view pictures stored on connected to receiver USB stick.

12.2 My Music

choose this option to change your receiver and connected into MP3 Player.

13. UTILITY

On this menu sheet you can find game Gomoku, calendar and calculator.

To choose use 『▲,▼』 and 『OK』 button.

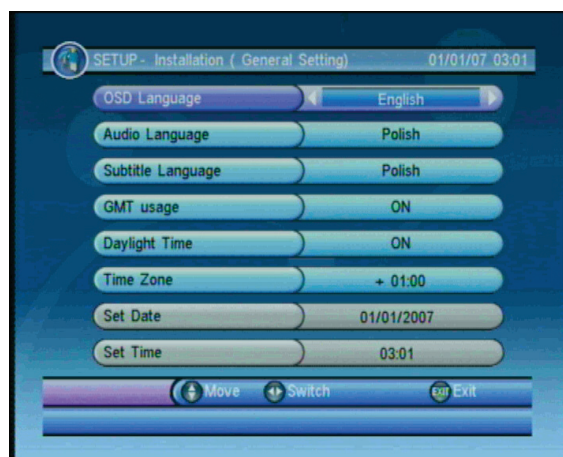
14. SETUP

This menu sheet managed general receiver settings, TV Settings, Passwords, Advanced Timer Settings, SW Updates and restoring Default Settings.

14.1 General Setting

This menu managed language and time settings.

To select functions and options use 『▲,▼,◀,▶』 buttons. To confirm your selection press 『OK』. To leave window press 『EXIT』 or 『MENU』.



OSD Language

Use this option to set OSD language.

Audio Language

Use this option to choose default audio language for channels which have more than one audio track.

Subtitle Language

Use this option to choose default language for channels which broadcast few language subtitles.

GMT usage

Enable this function to use time and data broadcasted in satellite signal. Disable this function to set time and data manually.

Daylight Time

This option is active when GMT Usage is enabled. Use it to correct time due summer/winter time.

Time Zone

This option is active when GMT Usage is enabled. Use it to correct GMT time due to valid Time Zone.

14.2 TV Setup



TV Format

Use this option to set display format. choose between: 16:9 Fit, 4:3 Fit, 16:9 Letter Box or 4:3 Letter Box setting.

TV Mode

Use to choose TV mode standard. Possible option: Auto, NTSC, PAL. When Auto, receiver will switch automatically.

OSD Transparency

Use this function to set OSD transparency on one of 8 levels.

Banner Display Time

Use it to set how long will be displayed on the bottom of the screen banner with information about actual channel. Available settings: 1s, 3s, 5s, 10s, 30s, Always.

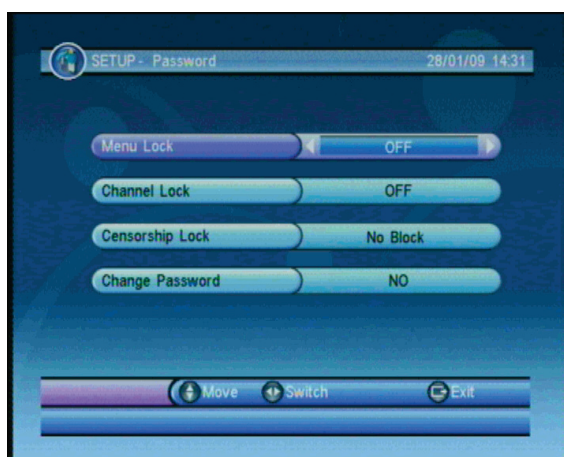
Scart Mode

choose Scart mode between CVBS or RGB.

Video Enhancement

Use **◀▶** to enable this function. New card with two options; **FleshTone** & **Black/White Expansion** will be displayed. Press **EXIT** or **MENU** to back to previous menu.

14.3 Password



Menu Lock

Enable this option to protect by password menu from outside changes. Each enter into menu will require password.

Channel Lock

Enable this option to protect by password all locked channels. When you will try to view locked channel first you will need to enter password.

To set list of locked channels – please see 10.1 Lock function.

Censorship Lock

Enable this option to protect children from watching prohibited channels.

You can set total lock for all channels or choose number from 1 to 18 which represent minimal age of your children. If presented program will be allowed from person older that minimal age, to watch it, password will need to be entered first.

CAUTION. Some channel signals can broadcast information about minimal age under which services are prohibited before watching. Because this kind of information is not obligatory, censorship lock will work only with selected channels.

Change Password

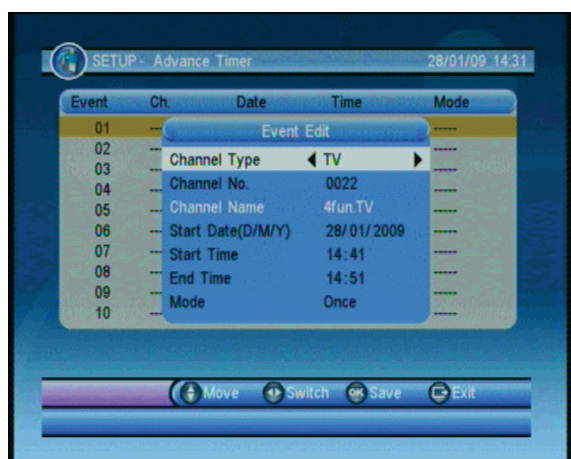
Activate this option to change password. **Default password** is „0000“. Enter new password and confirm it once more. Please make sure that you write new password on piece of paper and keep it in safe place.

CAUTION. All receiver lock are protected by the same password.

14.4 Advance timer

Use this option to display timer manager with list of events.

To add new event to the list press **RED** special button to display new, Event Edit window.



Event describe opportunity to turn off the receiver or activate / turn on certain TV or Radio channel at certain time and date.

Channel Type

Select event type; Turned off the receiver, TV or Radio channel.

Channel No

Specify channel number which will be activated / turned on in certain time. Option not displayed when receiver will be turned off.

Start Date / Start Time

Set time and date when event will start.

End Time

Set time when event will finish. (Is not used for turning off option)

Mode

Set mode of executing events. Possible options; Stop, Once, Daily, Weekly, Monthly.

14.5 SW Update

Use this menu sheet to manage receiver updated and channel lists stored on connected USB device.



Update by USB

Use this option to chose file with software or channels list stored on connected USB device which will be loaded into receivers memory.

Create Database on USB

Use this option to store on connected USB device file with channels list.

CAUTION. When you select file with new software, SW update is done automatically and can take few minutes. When operation will be finished receiver will switch into full screen mode.

14.6 Set Default

Use it to load default settings into receivers memory. To execute this operation, enter password and then press **RED** special button. To abort press **MENU** or **EXIT**.



When you made this operation, all stored channels and settings made by user will be deleted.

15. Card Reader

This is Conax embedded receiver. Use Conax card delivered by many operators do descramble pay channels.

This menu sheet give access to Conax card details.

CAUTION. All details presented in this menu sheet are stored on Conax card.

Any problem with displaying these information can be cased by card itself.

When you place card in card reader slot, after while card be detected and all available information will be presented.

16. TROUBLE SHOOTING

If you have any problem with receiver, before you contact with your local dealer or after-sales center, please read below trouble shooting information's.

CAUTION!

Please don't service the receiver by yourself. This could be dangerous for you and may cause receivers damage and lost of warranty.

Problem	Possible causes	What to do
No LCD's light on front panel, receiver is not responding on RCU	Receiver is not connected to the outlet	Make sure power cord plug is properly plugged into outlet
No sound but LED on front panel is shining	No or improper audio connection	Check and correct Audio connection
	MUTE function is enabled in receiver and / or TV	Check and if needed disable MUTE function in receiver and / or TV
	Sound volume in receiver and / or TV is maximally decreased	Check and if needed increase sound volume in receiver and / or TV
No Picture & sound but LED on front panel is shining	Receiver is in standby mode	Press Power button on front panel or remote control
	No or weak signal	Check the cable connection, LNB and other equipment connected between LNB and receiver and / or adjust satellite dish
	Receiver and TV connected by SCART but TV is not in AV mode	Make sure there is SCART connection and switch TV to AV mode
	LNB Noise Factor too high	Change to the LNB with lower Noise Factor
	The LNB unit is faulty	Check and if needed change LNB
	The satellite dish is not pointing at satellite	Adjust the satellite dish, check the signal level in Satellite Setting menu
Bad picture / blocking error	The satellite dish is not pointing at satellite	Adjust the satellite dish, check the signal level in Satellite Setting menu
	Signal is too strong	Connect signal attenuator into the LNB input
	Satellite dish is too small	Check dish position, change to a larger satellite dish
	The LNB unit is faulty	Check and if needed change LNB
Remote Control (RCU) is not working	Out of battery	Change the battery
	Remote control is covered or aimed in wrong direction	Aim the RCU directly at the receiver, make sure there is no block between RCU and front panel of the receiver

CAUTION!

If you still cannot resolve your problem with above reference, please contact your local dealer or their after-sales center.

17. PRODUCT SPECIFICATION

Satellite specification

System standard	Fully MPEGII/DVB Compliant
Channel Storage	Max.4000 TV and Radio Channels totally
Input Frequency	950~2150Mhz
LNB Control	DiSEqC1.0/1.2, USALS
LNB Power	13V/18V (Max, 400mA)
LNB tone switch	22KHZ
Symbol rate	2~45Mbps

Terrestrial specification (optional)

System standard	Fully MPEGII/DVB Compliant
Input Frequency	170-230MHz CH5-CH12, 470-860MHZ CH21-CH69
RF Input level	-65~-25dBm
Antenna power	5V/50mA max

A/V Mode

Video format	MPEG-II Main profile/Main level
Audio format	MPEG-II layer I&II
Aspect Ratio	16:9, 4:3
Audio sampling rate	32, 44.1, 48 kHz
Audio type	Left channel, Right channel, Stereo
Graphic display	720x576(PAL), 720x480(NTSC)

Mikroprocessor & Memories

Processor	CT216S-Z
SDRAM	128 Mbits
FLASH	16 Mbits

Power & Environment condition

Supply voltage	100~250V AC, 50/60Hz
Supply power	Max. 9W
Operational temp.	5°C~45°C

Physical specification

LED display	red & green
Weight	0.65 kg
Simensions	196(W) x 126(D) x 42(H)mm

Connections

Satellite IF input	F-type (Digital)
USB	port USB 1.1
Scart	TV/VCR
Video	CVBS
Audio	RCA Audio left, Audio right
Control Output	0/12V out

Specification is subject to change without notice.

18. DECLARATION OF CONFIRMITY

The manufacturer herewith declares the conformity of that product with the following directives and standards:

Low Voltage Directive LVD 2006/95/EG

EN 60 065:2002+A1:2006

EMC Directive 2004/108/EG

EN 55 013:2001+A1:2003+A2:2006

EN 55 020:2007

EN 61 000-3-2:2006

EN 61 000-3-3:1995+A1:2001+A2:2005

Model: Digital Satellite Receiver DVB-S